

**2021 Estimated Costs and Returns per Acre
Confectionary Sunflowers, Sprinkler Irrigated, Strip Tillage
Panhandle Extension District - 1**

Crop Acres		122		Enterprise	
REVENUE	Quantity	Units	\$/Unit	Total	Total
Confectionary Sunflowers	18.00	CWT	\$22.89	\$412.02	\$50,266.44
Total Revenue				\$412.02	\$50,266.44
VARIABLE COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Production Costs					
Herbicide					
Glyphosphate	3	Acre	\$4.87	\$14.62	\$1,783.41
2-4D	1	Acre	\$2.60	\$2.60	\$317.14
Prowel H2O	1	Acre	\$14.41	\$14.41	\$1,757.73
Seed					
Seed - Confectionary Sunflower	1	Acre	\$32.19	\$32.19	\$3,927.31
Fertilizer					
Fertilizer (N) - Liquid	70	Pound	\$0.50	\$35.00	\$4,270.00
Fertilizer (P) - Liquid	25	Pound	\$0.49	\$12.25	\$1,494.50
Custom					
Herbicide Application	3	Acre	\$5.35	\$16.05	\$1,958.27
Pesticide Application	1	Acre	\$5.35	\$5.35	\$652.76
Custom Harvest - Sorghum Dryland	1	Acre	\$26.76	\$26.76	\$3,265.06
Custom Haul - Sunflowers	18	CWT	\$0.48	\$8.65	\$1,055.63
Miscellaneous					
Crop Insurance Sunflowers - Irrigated	1	Acre	\$21.00	\$21.00	\$2,562.00
Insecticide					
Ammo	1	Acre	\$3.55	\$3.55	\$432.74
Seed Insecticide - Sunflower Confection	1	Acre	\$5.08	\$5.08	\$619.79
Irrigation					
Energy Cost	7.00	AcreInch	\$3.35	\$23.45	\$2,860.90
Irrigation Labor	0.45	Hour	\$13.65	\$6.12	\$746.05
Machinery Labor					
Tractors/Self-Propelled	0.21	Hour	\$13.43	\$2.82	\$344.08
Other Labor	0.25	Hour	\$13.43	\$3.36	\$409.62
Diesel Fuel					
Tractors/Self-Propelled	1.57	Gallon	\$2.19	\$3.44	\$419.51
Gasoline					
Pickup/General Use Equipment	1	Acre	\$11.44	\$11.44	\$1,395.90
Repairs & Maintenance					
Pickup/General Use Equipment	1	Acre	\$5.52	\$5.52	\$673.20
Irrigation Equipment	1	Acre	\$26.25	\$26.25	\$3,202.50
Tractors/Self-Propelled	1	Acre	\$3.56	\$3.56	\$434.61
Implements	1	Acre	\$10.33	\$10.33	\$1,260.51
Interest on Credit Line			6.25%	\$8.10	\$988.07
Total Variable Costs				\$301.90	\$36,831.27
Planned Returns Above Variable Costs:				\$110.12	\$13,435.17
Breakeven Price to Cover Variable Costs			\$16.77	CWT	
FIXED COSTS	Quantity	Units	\$/Unit	Total	Enterprise Total
Machinery Depreciation					
Pickup/General Use Equipment	1	Acre	\$5.79	\$5.79	\$706.86
Irrigation Equipment	1	Acre	\$28.80	\$28.80	\$3,513.75
Tractors/Self-Propelled	1	Acre	\$3.68	\$3.68	\$449.09
Implements	1	Acre	\$13.28	\$13.28	\$1,620.65
Equipment Investment					
Pickup/General Use Equipment	\$40.01	Dollars	6.25%	\$2.50	\$305.04
Irrigation Equipment	\$435.80	Dollars	6.25%	\$27.24	\$3,322.97
Tractors/Self-Propelled	\$28.68	Dollars	6.25%	\$1.79	\$218.66
Implements	\$56.83	Dollars	6.25%	\$3.55	\$433.30
Cash Rent - Sunflowers Irrigated	1	Acre	\$76.00	\$76.00	\$9,272.00
Total Fixed Costs				\$162.64	\$19,842.33
Total Specified Costs				\$464.54	\$56,673.60
Returns Above Specified Costs				(\$52.52)	(\$6,407.16)
Breakeven Price to Cover Total Costs			\$25.81	CWT	

Developed by Justin Benavidez, Assistant Professor, Texas A&M AgriLife Extension, 806-677-5600.

Information presented is prepared solely as a general guide and not intended to recognize or predict the costs and returns from any one operation. Brand names are mentioned only as examples and imply no endorsement.